



chain nodes :

7 9 10 22 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39

ring nodes :

1 2 3 4 5 6 8 11 12 13 14 15 16 17 18 19 20 21

chain bonds :

1-7 2-38 3-37 4-24 5-36 6-35 7-8 7-9 9-10 9-16 11-27 12-26 13-22 14-29 15-28  
17-34 18-33 19-32 20-31 21-30 24-25 24-39

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-11 8-15 11-12 12-13 13-14 14-15 16-17 16-21 17-18  
18-19 19-20 20-21

exact/norm bonds :

9-10 13-22 24-25

exact bonds :

1-7 2-38 3-37 4-24 5-36 6-35 7-8 7-9 9-16 11-27 12-26 14-29 15-28 17-34 18-33  
19-32 20-31 21-30 24-39

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-11 8-15 11-12 12-13 13-14 14-15 16-17 16-21 17-18  
18-19 19-20 20-21

G1

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:CLASS 10:CLASS 11:Atom  
12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom 21:Atom  
22:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS  
32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS